

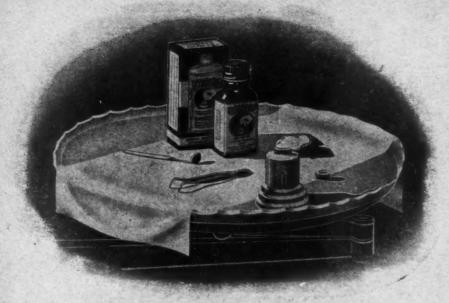
The Fortnightly

# REVIEW

OF THE CHICAGO DENTAL SOCIETY

January 15, 1944

Volume 7 . Number 2



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# The Fortnightly

# REVIEW

OF THE CHICAGO DENTAL SOCIETY

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Volume 7

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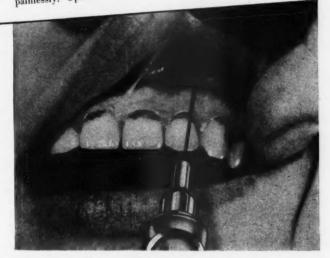
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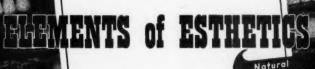
when the profound anesthesia must be more prolonged. In the latter, vasoconstrictor content is *not* increased, thus assuring the same beneficial early return to normal blood flow in the operative field. Together, these solutions meet every dental need for a local anesthetic!

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# The Fortnightly REVIEW

of

#### THE CHICAGO DENTAL SOCIETY

January 15, 1944

Volume 7 . Number 2

# King Vitamin Takes Command at January Monthly Meeting

Results of Extensive Research to Be Presented

As a fitting inaugural of the year 1944, the members of the Chicago Dental. Society will be privileged to hear Dr. Arvin W. Mann of Birmingham, Alabama. His subject will be, "Clinical Oral Manifestations of B Complex Deficiency Diseases." This meeting will take place Tuesday evening, January 25, in the Red Lacquer Room of the Palmer House.

#### ESSAYIST

Dr. Mann is a research associate in the Nutritional Clinic at the Hillman Hospital in Birmingham. He is a graduate of Western Reserve University from which institution he received his B.S. degree in 1930 and his D.D.S. degree two years later. Before joining the Hillman Hospital Staff, he was a member of the Cleveland Dental Society and served as general chairman of its famous Spring Clinic last year. He has contributed liberally to the literature. In addition to his research studies into oral lesions associated with vitamin deficiency, he has delved into the intricate problem of nutrition as it affects the teeth. In conjunction with Tom D. Spies, M.D., he published an article in the Journal of Dental Research, a few years ago, relative to dental caries, in which he reported that patients with evidence of deficiency diseases had a low incidence of dental caries and correspondingly low numbers of oral lactobacilli.

#### MOUTH LESIONS

Dr. Mann's paper at the Chicago meeting will emphasize the importance of early recognition by the dentist of mouth lesions which are apt to occur in the course of vitamin deficiency diseases. Knowledge gained in the Nutritional Clinic of the Hillman Hospital has been a material aid in the recognition of previously undiscovered deficiency diseases. Dr. Mann believes that every dentist should be able to recognize abnormalities in the mouth, especially the lesions that are the forerunner of these diseases, and refer such cases to the family physician for diagnosis and treatment before they progress to an advanced stage.

Animal experimentation at the Hillman Hospital has been invaluable also in studying the effect of these diseases on the oral tissues.

Dr. Mann will illustrate his lecture with kodachrome slides depicting many of the lesions that come from these deficiencies.

Make Your Hotel Reservations Now

# Winners of Third Annual Essay Competition Announced

Dr. Irving Glickman Receives First Award

The judging of the various papers submitted to the Chicago Dental Society for competition in the Third Annual Prize Essay Contest has been completed and Dr. Irving Glickman of Boston, Massachusetts, has been voted the first award. Two essays were selected for honorable mention; they were submitted by Dr. Josef J. Samors of Chicago, Illinois, and Dr. Joseph P. Weinmann and Dr. Harry Sicher, also of Chicago. The papers were passed upon by a preliminary judging committee in Chicago and those chosen for final judging were forwarded to the University of Michigan, where a committee of the faculty was appointed to make the final decision. The papers were graded on the following points: (1) general usefulness, (2) scientific accuracy, (3) organization of paper, (4) technics of writing, (5) logic of conclusions, and (6) bibliographic form.

#### PRIZE WINNER

The prize winning paper is entitled Systemic Influences on Bone Changes in Periodontoclasia. The author recognizes three concepts concerning the etiology of periodontoclasia—one that it results from a local inflammatory process produced by irritants in the oral cavity, another that it originates as a non-inflammatory bone atrophy or degeneration which results from systemic influences, and a third that maintains there is a combined type resulting from both local and systemic factors. He points out that the above concepts have been derived from human autopsy material and that no animal experimentation has been conducted to determine the extent to which systemic influences actually alter the effect of inflammation in the gingival crevice upon the underlying bone. In the experiments he conducted Dr. Glickman produced a local inflammation in the gingival crevice of the white rats by inserting amalgam between the mandibular molars. The animals were then fed various diets to determine the effect of nutritional deficiency upon the alveolar structures. Microscopic study revealed a marked difference between the jaws of the group fed deficient diets as compared to the group fed the normal diet.

Dr. Glickman is assistant professor of oral pathology and instructor in clinical dentistry at Tufts Dental School.

#### HONORABLE MENTION

Dr. Josef J. Samors, who is an instructor in the Department of Oral Surgery and Pathology at the University of Illinois, College of Dentistry, received honorable mention for his essay entitled An Experimental Study of Giant-Cells; With Special Reference to Giant-Cell Tumors of the Mouth.

Dr. Joseph P. Weinmann, assistant professor of oral pathology and research at Loyola University, and Dr. Harry Sicher, associate professor of anatomy, histology and research at Loyola University, collaborated on the second paper to receive honorable mention which is entitled Bone Growth and Tooth Movement.

Dr. Glickman will be awarded the prize of \$500.00 at the first general session of the Midwinter Meeting at which time he will read his paper.

The Essay Contest is sponsored by the Chicago Dental Society for the purpose of stimulating research in dentistry. The number and scope of essays which have been submitted during the three years that the contest has existed indicates that this purpose is being fulfilled.

# EDITORIAL

#### MIDWINTER MEETING REVIVES NEGRO PROBLEM

Again the Chicago Dental Society has received requests from Negro dentists practicing in southern states for permission to register at our Midwinter Meeting. These men, despite the fact that they are college graduates, have successfully passed licensing examinations, and are conducting ethical dental practices, are denied the privilege of attending the meeting because of a technicality in our by-laws which stipulates that dentists who register for the meeting must be members of the American Dental Association or a recognized *foreign* dental society. Negro dentists in twenty-two states are not elected to membership in the American Dental Association. The Board of Directors of the Chicago Dental Society, as indicated in a letter published elsewhere in this issue, has referred this problem to the Membership Committee of the A.D.A., where it properly belongs as it is basically a national and not a local issue.

The American Dental Association thus is given an opportunity to demonstrate the spirit of democracy in its rightful interpretation. A war is now being fought for the principles which true democracy embodies and the Negro race is being asked to shoulder a portion of the war's responsibilities. If this war is won for democracy, as we believe it will be, the Negro race should gain in all sections of this democratic country the opportunities to which our ideology in government entitles it.

There should be equal educational and professional opportunities for all races and creeds, especially in matters that concern the nation's health. Conversations with several representative members of southern state societies, at the last meeting of the House of Delegates, lead us to believe that the southern members of the A.D.A. are aware of the problem and are amenable to its solution. What is needed is initiative in undertaking an impartial, scientific study and developing a just plan of treatment. Perhaps the rectification may be the formation of component societies in the south or the affiliation of the National Dental Association (the Negro dental society) with the American Dental Association.

The American Medical Association has an analogous situation which it is not meeting. The Membership Committee of the A.D.A. has an opportunity to study the problem and to pioneer in its solution. Eventually this issue must be faced squarely and an equitable adjustment found. Ostrich tactics will not supply the answer.—Robert G. Kesel.

# LETTERS

December 27, 1943

Dr. Paul W. Zillman, Chairman Membership Committee American Dental Association Dear Doctor Zillman:

Each year the Chicago Dental Society receives repeated requests from the President of the National Dental Association and from Negro dentists in certain southern states for permission to attend the Midwinter Meeting. We have been unable to grant these requests because of constitutional requirements. As you know, our Constitution and By-Laws require that a dentist be a member in good standing of the American Dental Association in order to register at our Midwinter Meetings. These Negro dentists who desire the privilege of attending our meetings are not members of the A.D.A. because the component societies in many of the southern states prohibit them from becoming members.

The Board of Directors of the Chicago Dental Society at its meeting December 21 reviewed this problem and voted to refer it to the Membership Committee of the American Dental Association to study and to determine if some plan can be evolved whereby these men can become affiliated with the A.D.A.

Sincerely yours, HARRY A. HARTLEY, Secretary.

December 29, 1943.

Dr. Harry A. Hartley, Secy., Chicago Dental Society. Dear Doctor Hartley:

Your communication of December 27 regarding the National Dental Association and the Negro dentists will be presented to the Membership Committee at its meeting in February. I shall let you

know what the conclusions of the Committee are.

Sincerely yours,
PAUL W. ZILLMAN,
Chairman Membership Committee.

Editor's Note: A number of letters have been received in regard to Associate Memberships, the consensus of which is represented by those below:

Louisville, Kentucky

Gentlemen:

I am enclosing my check for \$3.00 for Associate dues for the year 1944. I assure you I am most happy to send this—it is a pleasure as I am heartily in favor of the work you are doing.

Extending you my very best wishes, I am

Cordially yours, A. P. WILLIAMS.

Lincoln, Nebraska

Dear Doctor Hartley:

Herewith is my check for 1944 Associate Membership. While I will not attend I am glad to send it for the following reasons:

1. Previous to 1939 I attended somewhere between fifteen and twenty of your annual meetings and was always embarrassed because the Society would not accept even a registration fee. This helps to clear my conscience.

2. Then, too, I appreciate THE FORT-NIGHTLY REVIEW.

Fraternally, G. A. GRUBB.

Kansas City, Kansas

Dear Doctor Hartley:

My check for dues is attached hereto.

I want to take this opportunity to say
I consider it a real privilege to be al(Continued on page 36)

# Preliminary Program

# THE 80th MIDWINTER MEETING of the CHICAGO DENTAL SOCIETY

February 21-23, 1944

THE PALMER HOUSE

# OFFICERS, DIRECTORS AND MIDWINTER MEETING COMMITTEE CHAIRMEN

# Officers

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President-Elect
Vice-President
Secretary
TreasurerJoseph B. Zielinski
Executive SecretaryL. Russell Hegland

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L. C. Holt, '45	Samuel M. Rakow, '45
Lester E. Kalk, '44	Robert J. Wells, '45
R. B. Mundell, '44	Melford E. Zinser, '46

# Chairmen of Committees for Midwinter Meeting

General Chairman	Mefford J. Couch
Program Committee	
Essay Division	
General Clinic Division	
Health and Educational Exhibits Division	Michael L. Levin
Limited Attendance Clinics Division	G. Wolford Haley
Motion Pictures Division	
Exhibit Registration Committee	
Information Committee	
Publicity Committee	J. R. Schumaker
Reception Committee for Visiting Women Dentists	Faith F. Stephan
Reception Committee	
General Arrangements Committee	Wilbur L. Spencer
Registration Committee	

# MAKE YOUR PLANS TO ATTEND THE 1944 MIDWINTER MEETING

# NOW

#### Reserve Your Hotel Room

Hotel accommodations in Chicago are in demand but there are enough rooms available to accommodate all who will attend our Meeting if they will reserve their rooms now. To do this will guarantee immediate check in upon arrival in Chicago. On page 35 of this issue you will find a few suggested hotels that will be glad to accept your room reservation.

## **Obtain Your Round Trip Travel Reservation**

Air, rail and bus lines will be very happy to arrange your travel reservations, round trip, thirty days in advance. We suggest that you contact your local ticket agent as early as possible to obtain your reservation. By so doing you will be insured of choice accommodations of the type you desire to and from Chicago, and you will materially aid and facilitate the work of all travel agencies at a time when they need your cooperation.

## File Your Application for Limited Attendance Clinics

The Limited Attendance program of our 1944 Midwinter Meeting is fully outlined in this issue. We urge all who will attend our Meeting to study this part of the program carefully, to select the clinics desired and to file application for them as promptly as possible. By doing this now you will secure the clinic of your choice and avoid disappointment. All reservations will be filled strictly in the order of receipt.

## Register Early

For your convenience the Registration Desk will be open Sunday, February 20, at 2.00 p.m. We urge everyone who can possibly do so to register and obtain his badge of admission Sunday afternoon. Because many interesting sessions of the scientific program will begin Monday morning at 10:00 o'clock it is important that your registration be completed early. Your badge must be displayed in order to be admitted to these sessions. Avoid delay—register early!

# Welcome

It is the privilege of the Chicago Dental Society to welcome our thousands of members—active and associate—essayists, clinicians, exhibitors, members of the armed forces and guests to another great Midwinter Meeting.

We are fortunate that we can take advantage of two great opportunities. On the opening day, which is designated as "The Horace Wells Centenary Day," we celebrate the discovery of general anesthesia by a member of our own profession, Dr. Horace Wells. An appropriate presentation of the centenary will be made by a member of the Horace Wells Centenary Committee of the American Dental Association at the first General Session.

The second day will be known as "Army and Navy Day." Representatives of the services will furnish a major part of the day's program. In the evening we are to be honored by the presence of the ranking officers of the Army and Navy, representatives of the War Service Committee, and the President of the American Dental Association.

The meeting has been streamlined to meet the ever increasing critical conditions. In doing so we have tried to prepare a program to meet the needs of every one, and to do it in as brief a time as possible, thus conserving time for busy practitioners. The theme has been conservation of mouth health by prevention.

In order to secure the maximum good from these three days we suggest that you study our program diligently so as to be acquainted thoroughly with everything that may be beneficial to you.

The pleasure of offering this war time program is a great satisfaction to the officers and committees of the Society.

LEO W. KREMER, President, HARRY A. HARTLEY, Secretary.

#### REGISTRATION AND CREDENTIALS

RICHARD J. QUITER, Chairman S. R. KLEIMAN, Vice-Chairman

#### WHO MAY REGISTER:

- All regular active, life, retired or honorary members in good standing of the Chicago Dental Society for the year 1944 (dues, if not paid previously, may be paid at the Registration Desk);
- All associate members in good standing of the Chicago Dental Society for the year 1944;
- 3. All members of the Dental Corps of the United States Army, Navy or Public Health Service:
- 4. Other members of the dental profession who are members in good standing of the American Dental Association or a recognized foreign dental society upon payment of a registration fee of \$2.00. Payment of this fee will entitle the registrant to all privileges of the meeting;
- All applicants for membership in the American Dental Association provided a written statement is presented from the Secretary of the local society in which his application is pending;
- 6. All dental assistants and dental hygienists who are members in good standing of their respective national associations, or if employed by a member in good standing of the American Dental Association or a recognized foreign dental society, provided evidence to that effect is presented in writing;
- 7. Laboratory owners and technicians upon proper identification;
- 8. Senior and junior students of recognized dental schools and colleges upon presentation of proper identification;
- Members of the family of an American Dental Association member upon written endorsement;
- Lay persons upon filing an approved application form, endorsed by an American Dental Association member.

Plan to Register Early

# MIDWINTER MEETING STREAMLINED NO OFFICIAL SOCIAL EVENTS

Families Again Asked to Forego Attendance



As a war emergency measure to conserve the time of busy dentists the 1944 Midwinter Meeting will be limited to three days rather than the customary four. The number of scientific sessions, however, has not been materially reduced. The program has merely been "streamlined" and condensed into three full days of timely practical sessions. Scientific sessions will begin at 10:00 o'clock Monday morning and continue through 5:00 o'clock Wednesday afternoon.

Once again because of war conditions the usual social events have been omitted. Instead of the normal evening social activities we have substituted two General Session programs. Announcement of the program of these sessions appears elsewhere in this issue.

Again this year we feel that because of the necessity for restricting the use of travel facilities we must ask the wives and families of out-of-town dentists to forego attendance at our meeting. While we have always welcomed the families of our visitors and have enjoyed entertaining them, we cannot conscientiously do so this year in view of the repeated requests of the Office of Defense Transportation and of the various travel agencies to conserve travel facilities. It is most difficult for us to make this request and we deeply regret its necessity but we know our position will be understood. Until victory is ours, then....

# General Session Program

#### FIRST GENERAL SESSION

MONDAY, 8:30 p.m.

An unusually interesting program has been planned for the opening General Session of the 1944 Meeting. It will feature the address of welcome by President Leo W. Kremer, an announcement of the Horace Wells Centenary by Dr. Walter T. McFall of Asheville, North Carolina, the presentation of the \$500.00 award to the winner of the Third Prize Essay Competition sponsored by the Chicago Dental Society, and finally the reading of the winning essay by its author.

Irving Glickman, D.M.D., and Anna Morse, M.S., of Tufts College Dental School have been awarded the prize for their essay entitled "The Systemic Influence Upon Bone Changes in Periodontoclasia."

The judges state that the composition, form and sequence of thought is most excellent and that the conclusions of the research have been justified by the facts presented.

#### SECOND GENERAL SESSION

TUESDAY, 8:30 p.m.

This Session promises to be the outstanding feature of the program. It will be the climax of our "Army and Navy Day" which celebrates George Washington's birth.

It will be our privilege and honor to present as guest speakers at this Session some of the high ranking officers of the Dental Corps of both the Army and the Navy.

Major General Robert H. Mills will discuss "The Army Dental Corps," Rear Admiral Alexander G. Lyle, "The Navy Dental Corps;" Lt. Col. Kenneth Cofield, "The Duties and Activities of the Liaison Officer." Captain C. Raymond Wells, President of the American Dental Association, will convey the greetings of the Association. The presiding officer of this military symposium will be Dr. Gerald D. Timmons, Dean of Temple University Dental School.

#### AFFILIATED GROUPS

The organizations listed below will hold functions during the period of the meeting. Those designated with an asterisk will have headquarters rooms.

#### **ORGANIZATION**

Alpha Omega Fraternity\*

American Academy of Periodontology Meeting and banquet Feb. 19

American Academy for Plastics Research in Dentistry

Meeting Feb. 20

American Academy of Restorative Dentistry Meetings Feb. 19 and 20

American Association of Dental Editors Meeting Feb. 21

American Association of Industrial Dentists Meeting Feb. 20

American Association of Public Health Dentists

Meeting Feb. 20 American College of Dentists

Meetings Feb. 19 and 20 American Dental Association War Service Committee

Meeting Feb. 19 American Dental Association

Prosthetic Dental Service Committee\*
Meetings Feb. 20, 21, 22

Chicago College of Dental Surgery Alumni Association\*

Smoker, Feb. 22

Chicago Dental Assistants Association\* Luncheon Feb. 21

Meeting Feb. 23 Delta Sigma Delta\* Banquet Feb. 19

Dental Hygiene Institute\* Luncheon Feb. 22

Denture Prosthetists Dinner Feb. 22

Illinois State Dental Assistants' Association

Meeting Feb. 20 International College of Dentists\*

Meeting Feb. 20 Regents' meeting Feb. 19

Meyer Study Club Meeting Feb. 20

National Board of Dental Examiners Meeting and dinner Feb. 19

N.U.D.S. Alumni Assn.\* Luncheon Feb. 23

Pierre Fauchard Academy\*
Dinner Feb. 21

Psi Omega Fraternity\*
Banquet Feb. 19

Reception Committee for Visiting Women Dentists\*

University of Illinois College of Dentistry\* Luncheon Feb. 23 Xi Psi Phi Fraternity\* CORRESPONDENT

Lewis T. Weinshenker
55 E. Washington St., Chicago

Raymond E. Johnson 824 Lowry Bldg., St. Paul, Minn.

LaMar W. Harris 25 E. Washington St., Chicago

M. J. Couch 55 E. Washington St., Chicago

O. W. Brandhorst 4952 Maryland Ave., St. Louis, Mo.

C. R. Fricke 435 6th Ave., Pittsburgh, Pa.

C. Ray Taylor
Michigan Dept. of Health, Lansing, Mich.

O. W. Brandhorst 4952 Maryland Ave., St. Louis, Mo.

C. Willard Camalier 1726 I St., N.W., Washington, D. C.

C. A. Nelson Amery, Wis.

Harold W. Oppice 1002 Wilson Ave., Chicago

Miss Ruth G. Bates 1957 E. 71st St., Chicago

L. W. Hughes 30 N. Michigan Ave., Chicago

Miss Josephine Bessems 30 N. Michigan Ave., Chicago

John B. LaDue 25 E. Washington St., Chicago

Miss Ruth G. Bates 1957 E. 71st St., Chicago

John B. LaDue

25 E. Washington St., Chicago

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Robert R. Gillis
134 Rimbach St., Hammond, Ind.
George W. Teuscher

55 E. Washington St., Chicago John B. LaDue

25 E. Washington St., Chicago Lester E. Kalk

5500 S. Halsted St., Chicago

Faith F. Stephan 25 E. Washington St., Chicago L. W. Hughes

30 N. Michigan Ave., Chicago George W. Blaha 104 S. Michigan Ave., Chicago

### LIMITED ATTENDANCE CLINICS

G. WOLFORD HALEY, Chairman

WILLARD R. JOHNSON, Vice-Chairman

The Limited Attendance Clinic Program will be presented Monday, Tuesday and Wednesday afternoons, February 21, 22 and 23. Each clinic will be of one and one-half hours' duration; two sessions are arranged each afternoon.

There will be a charge of \$1.00 per clinic enrollment payable at the time of application. This charge is made to limit applicants to those whose attendance is definite and to partially

defray the cost of this program.

It is not necessary to fill out any formal application blank to enroll in one or more clinics. Simply drop a note to the Chicago Dental Society; 30 N. Michigan Ave., specifying the clinic or clinics desired, giving as many selections as possible, both as to choice of clinics and choice of dates. Please refer to the program for the day or days each clinic is to be presented. All applications must be accompanied by remittance of \$1.00 for each clinic for which enrollment is sought. Those desiring to enroll are urged to apply early and to be as brief as is consistent with a full explanation. Applications will be time stamped and considered in the order of receipt. Upon assignment, applicant will be sent cards of admission. Fees paid are not subject to refund except upon cancellation of clinics by the Society.

Applications received on and after February 14 will receive the same consideration as all applications received prior to that date except that, due to limitations of time, applications for clinics in which there are no vacancies will be cancelled automatically. No cards of admission will be mailed after February 14. Cards of admission for clinics in which there are vacancies will be held at the committee headquarters at the Palmer House for delivery, upon demand, to the applicant. The committee cannot engage in correspondence with applicants whose applica-

tions are not in the committee's hands before February 14.

#### CHILDREN'S DENTISTRY AND ORTHODONTIA

#### 1. Malocclusions and Their Management

FREDERICK T. BARICH......EVANSTON, ILLINOIS

Presented on Tuesday and Wednesday p.m.

Treatment of Class II Division I malocclusions with the round labial arch and fixed-removal lingual appliance. An outline of the treatment phases will be given. Blackboard drawings will be used to enhance the above. A series of treated cases will also be shown where the above combinations of appliances were employed for the purpose.

#### 2. Practical Aids in Dentistry for Children

EUGENE J. NORTH......BUFFALO, NEW YORK

Presented on Monday and Tuesday p.m.

This clinic is presented with the idea of assisting in overcoming some of the ills of doing dentistry for children by practical procedures. It will include (1) aids in child management, (2) technics in local anesthesia, cavity preparation, sterilization, pulp capping and protection; use of matrix retainer, etc.

#### 3. Simplified Space Maintainers

RAYMOND C. WILLETT......Proria, ILLINOIS

Presented on Wednesday p.m.

Preparation of teeth, treatment of structural defects, the impression, investment material and method of compounding it to avoid segregation of the elements, preparation for casting, alloy processing. Charts will be used to illustrate a simplified method of constructing semi-fixed bar functional space maintainers based upon biologic principles of denture growth.

#### ROOT CANAL

#### 4. The Pulpless Tooth

Plan to Register Early

Presented on Monday p.m.

This clinic will consist of a plea for the conservative treatment of pulpless teeth, sterilizing and filling the root canals, and follow-up x-rays. Lester E. Kalk: Instruments and instrumentation; Vincent B. Milas: Removing the vital pulp and filling the canal; T. C. Starshak: The treatment of the putrescent pulp and filling of the canal; John H. Hospers: chairman essayist. A short question and answer period will close each session.

#### 5. Root Resection

HENRY J. DROBA......CHICAGO

Presented on Tuesday and Wednesday p.m.

Discussion of some of the causes for failure in normal root canal procedures. Selection of cases for root resection; technic; the development of the modified immediate root resection and root canal filling technic; the advantages of this method of treatment; kodachrome film showing treatment of one case; slides of x-rays showing cases before and after treatment for a period of fifteen years.

#### PARTIAL DENTURES-CROWN AND BRIDGE

#### 6. Relation of Oral Diagnosis to Mouth Reconstruction

ERNEST R. GRANGER..... NEW YORK

Presented on Monday and Tuesday p.m.

The clinic will consist of a demonstration of the diagnosis on a manikin, and a number of practical cases each one of which illustrates a different type of problem, how it was treated, and how the treatment was made possible only by a thorough diagnosis. The actual details of technic used for reconstruction will be touched upon briefly in a general way.

#### 7. Occlusal Reconstruction

Presented on Monday and Tuesday p.m.

A discussion of the problems involved and the measures employed in a general reconstruction of occlusal surfaces. A demonstration of reconstruction technic by means of lantern slides. Careful attention to this technic or its equivalent will minimize the necessity for adjustments after the restorations are installed in the mouth. Important anatomical features of occlusal surfaces may be retained without destructive alterations.

#### 8. The Manipulation of the Alginate Impression Materials

Presented on Tuesday and Wednesday p.m.

This clinic will demonstrate the practical application of the new alginate materials which are replacing the hydrocoloids. The more recent developments will be evaluated. The results of exhaustive tests will illustrate their limitations and how to obtain the greatest degree of accuracy. The proper handling of alginates will be shown with colored slides and practical demonstrations.

#### 9. Simplified Construction of Fixed Bridgework

Presented on Tuesday and Wednesday p.m.

This clinic will consist of a discussion of a fixed bridge with a movable joint which will not work loose or allow abutment teeth to drift. It requires minimum chair time and is inexpensive to construct. It is a good bridge for the average patient, and can be quickly and easily made by the average dentist.

#### 10. Simplified Fixed Bridgework

HARRY SPIRO......CHICAGO

Presented on Monday and Wednesday p.m.

A progressive lecture clinic demonstrating fundamental principles in fixed bridge procedure, and the clinician's original technic of crown and bridge con-

### File Your Application for Limited Attendance Clinics

struction. By this method, with the abutment teeth prepared, a single elastic impression and wax bite is taken, and from this the entire bridge is constructed during absence of the patient. There is a saving of half the chair time when bridges are made by this method. The bridge (abutment and all) is cast in one piece, as easily as a single inlay. There is, therefore, a considerable saving of time and effort in the laboratory. While this method is easier and quicker, yet it is presented to the profession primarily for its greater accuracy. Bridges may be made in two sittings and cases considered difficult or impossible because of tilted abutments, become as simple as those not so involved. In short, how to make a better bridge in less time.

#### **PERIODONTIA**

#### 11. Prevention and Treatment of Pyorrhea

Presented on Monday and Tuesday p.m.

Proper use of tooth brush and other stimulating instruments. How to care for affected gum margin where alveolar process has not been affected and where considerable bone has been destroyed. Vincent's treatment. Colored motion pictures will be shown.

#### 12. The Practical Treatment of Periodontoclasia

Presented on Monday and Wednesday p.m.

The various methods employed will be discussed and demonstrated with slides and models.

#### 13. Adjustment of Occlusal Stress

EDGAR JAMES..... DETROIT, MICHIGAN

Presented on Tuesday and Wednesday p.m.

This clinic is designed to demonstrate by means of kodachrome slides, charts, radiographs and models a practical systematic procedure for the adjustment of occlusal stress, endeavoring to reduce and distribute the forces of mastication and to prevent the closing of the bite. Successive steps in the modification and adjustment of occlusal surface form will be shown and the operation discussed.

#### 14. Treatment of Vincent's Infection

RAYMOND E. JOHNSON.....ST. PAUL, MINNESOTA

Presented on Tuesday and Wednesday p.m.

This presentation will be in the form of a lantern slide lecture. Kodachrome slides of different types of cases before and after treatment. Reference will be made to diagnosis, treatment and home care instruction. Special emphasis will be made of the drugs used and the value of prophylaxis in the speedy recovery of these cases. Following the lecture a movie in sound and color will be shown demonstrating a good method of tooth brushing.

#### 15. Prophylaxis for the General Practitioner

ELBERT J. WEAVER......MILWAUKEE, WISCONSIN

Presented on Monday and Tuesday p.m.

(1) Prophylaxis can be proved to be a most important dental operation, (2) The significance of x-rays, (3) Importance of correcting occlusion, (4) Importance of the monetary consideration both from the patient's and the dentist's standpoint.

#### **OPERATIVE DENTISTRY**

#### 16. An Indirect Technic for Cast Gold Inlays

ROBERT K. BROWN.....ANN ARBOR, MICHIGAN

Presented on Monday and Wednesday p.m.

A complete discussion of a cast gold inlay technic by the indirect system, based on the modified type of slice cavity preparation. The basic technic has been

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used for twenty-five years, modified and revised to comply with findings in regard to the physical properties of the materials used, and the biological knowledge accumulated in this time. This indirect system was developed in an effort to help the average operator master an inlay technic.

#### 17. Factors Affecting the Size, Surface and Quality of Dental Castings

WILLIAM H. CRAWFORD......INDIANAPOLIS, ÍNDIANA

Presented on Tuesday and Wednesday p.m.

Factors affecting the size, surface and character of castings are many and varied. They include all materials used in making castings from the time the impression is made either in wax or compound and are affected by plaster, model materials, investment, metals used in making the castings, heating of the investment and many other phases throughout the technic of making the castings. The physical properties of all these materials will be discussed and their effects upon the size, shape and surface of the castings will be demonstrated.

#### 18. Acrylics as They Apply to Restorative Dentistry

LAMAR W. HARRIS......CHICAGO

Presented on Wednesday p.m.

The qualities and properties of our present methyl methacrylate will be discussed, together with an outline of present technic for processing. A report of present condition of experimental cases, and indications for the future use of this material will be demonstrated.

#### 19. A Simplified Casting Technic which Produces Precision Inlays

GEORGE M. HOLLENBACK......LOS ANGELES, CALIFORNIA

Presented on Monday and Tuesday p.m.

Stress will be made on the point that with this technic all types of castings, regardless of size, character or complication, can be successfully made without varying it. A simple mixing and investing device operating on the vacuum principle, will be demonstrated. The entire technic will be demonstrated from the making of the pattern to the preparation and seating of the finished inlay.

#### 20. Silicates-Their Use in Dentistry

Presented on Monday and Tuesday p.m.

Silicates used as a veneer only in fillings. Pulpal failures mostly in teeth filled when young. Technic to be universal must be based on the requirements of young teeth. Conservation of tooth structure emphasized with dentinal filling (base). Checking of caries removal with radiopaque oil on cotton wherever doubtful and transillumination used constantly. Slides and motion picture of technic will be shown.

#### 21. The Practical Cast Gold Inlay

GEORGE A. STRATTON.....OSHKOSH, WISCONSIN

Presented on Wednesday p.m.

A review of the cast gold inlay problem noting many causes of failure observed over a long period of time. The steps to be taken to reduce these failures through a more perfect understanding of the physical properties of some of the materials used. Description of results gained by using a hygroscopic and low heat technic. A proof of the efficiency of the cast gold inlay as a dental institution and an encouragement for its further use in war time.

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#### PRACTICE MANAGEMENT

#### 22. Let's Talk Shop

W. N. MILLER.....FLINT, MICHIGAN

Presented Tuesday and Wednesday p.m.

The clinic presented will be conducted informally. It is assumed that dentists selecting this limited attendance clinic have some problems on which they wish outside ideas and suggestions. Ideas submitted in advance will be discussed.

#### 23. The Art of Practicing Dentistry

Presented on Monday and Tuesday p.m.

Discussion of those dynamic factors essential to outstanding success in dental practice. The development of personality; the use of practical psychology in dental salesmanship; creating definite wants and hunger for complete dental mouth rehabilitations. Models, x-rays and kodachrome pictures will be shown. It is the desire of the clinician to discuss those pertinent factors with practitioners who dream of success but never quite reach their ideal goal.

#### 24. Better Fees for Better Dentures

GEORGE A. SWENDIMAN..... GRAND FORKS, NORTH DAKOTA

Presented on Tuesday and Wednesday p.m.

Most dentists would like to find a way to honestly obtain better fees and give better denture service. This clinic will show the steps in presenting a denture service to the patient. It should enable a dentist to command a higher fee commensurate with the time spent in rendering a more satisfactory service to his patient. Clinic is intended mainly for the benefit of the general practitioner.

#### **ORAL SURGERY**

#### 25. Practical Treatment of Fractured Jaws

HENRY NEWMAN BROWNSON...... HOLLYWOOD, CALIFORNIA

Presented on Monday and Tuesday p.m.

This presentation will consist of a talk on case history, clinical examination, x-ray findings, diagnosis and various types of treatment for fractured jaw cases accompanied by lantern slides and followed by a colored motion picture showing postoperatively various cases and types of appliance and methods used.

#### 26. Oral Surgery in General Practice

REED O. DINGMAN.....ANN ARBOR, MICHIGAN

Presented on Monday and Tuesday p.m.

A discussion of problems and the technics of minor surgical procedures ordinarily encountered in general practice will be presented. This will include technic for multiple extractions, impacted maxillary and mandibular third molars, impacted cuspids, root resection, immediate insertion of dentures and preparation of ridges for dentures, including both bony and soft tissue surgery. A discussion of the local use of sulfonamides will also be included.

#### 27. Surgical Preparation of the Mouth for Immediate Dentures

CEDRIC K. DITTMER......CHICAGO

Presented on Monday and Tuesday p.m.

The presentation will be a discussion of the diagnostic factors, surgical procedures and advantages in immediate denture construction. A description of the most frequently encountered mouth anomalies and indications for alveolectomy will be given. The technic of mouth preparation and the various types of matrices or templates in use for checking the ridge contour will be shown. Individual cases will be illustrated with kodachrome slides.

Plan to Register Early

#### 28. Injections Employed in Routine Dental Practice

LESLIE M. FITZGERALD......DUBUQUE, IOWA

Presented on Tuesday and Wednesday p.m.

The presentation will consist of a discussion of (1) the technic of the various injections used in the application of infiltration and conduction anesthesia for routine dental practice, (2) the possible postoperative sequelae, (3) practical methods and procedures for the prevention and treatment of such conditions.

#### 29. Conditions Encountered in Removal of Impacted Teeth

Presented on Monday and Tuesday p.m.

The main points to be presented will be (1) Preoperative diagnosis, (2) The fundamental principles of tooth division technic and (3) Postoperative care.

#### 30. Complications Arising from Extracting Teeth

RALSTON I. LEWIS......CHICAGO

Presented on Monday and Wednesday p.m.

The presentation will consist of a discussion of (1) Infections, causes, systemic and local, and their treatment, (2) Local anesthetics, overdose, blood pressure and some causes of postoperative troubles, (3) Different methods of removing teeth to cause least trauma, (4) Hemorrhage and hemophelias, (5) Dry sockets. A summary of all factors which might cause postoperative complications will be given. Slides will be used through this lecture demonstrating different phases of mouth conditions which might result in serious conditions, and some methods of avoiding them.

#### 31. Oral Manifestations the Exodontist Encounters in his Routine Practice

HUBERT N. MAGEE.....OKLAHOMA CITY, OKLAHOMA

Presented on Monday and Tuesday p.m.

Lantern slides of unusual cases of all kinds operated in the clinician's office will be shown, together with short history and operative procedure.

#### 32. The Roentgen Ray in General Practice

EE R. MAIN......ST. LOUIS, MISSOURI

Presented on Monday and Wednesday p.m.

The Roentgen ray is invaluable in dental diagnosis and yet it does not tell the whole story. It is a most important aid and when used intelligently it is dependable. What constitutes a dental diagnosis? What is our responsibility to the patient regarding Roentgen ray information? How may this responsibility be discharged?

#### 33. Penicillin in Acute Dental Infections and War Injury Cases

LEO F. MARRE......BRIGHAM CITY, UTAH

Presented on Monday and Tuesday p.m.

This clinic will demonstrate the procedure to be used in the reduction of mandibular fractures with special emphasis on war injuries. Reports of the use of penicillin in acute mucous membrane lesions.

#### 34. Sulfonamides Following Extractions and Surgical Procedures

FLOYD D. OSTRANDER.....ANN ARBOR, MICHIGAN

Presented on Tuesday and Wednesday p.m.

While the sulfonamides are still a relatively new group of drugs, it is becoming increasingly apparent that they have an important place in dental therapeutics.

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Their systemic use in the treatment of deep-seated infections of dental origin is no longer questioned and locally the sulfonamides have uses in the infected or potentially infected extraction socket, in contaminated war wounds or civilian accidents, and in the treatment of localized accessible infections in or about the mouth

#### **FULL DENTURES**

#### 35. Immediate Insertion of Dentures with Labial Gum

WILMOR B. AMY.....TORONTO, CANADA

Presented on Tuesday and Wednesday p.m.

This clinic will present: When this method is indicated and contraindicated; rebasing rare for four or five years in normal mouths; accuracy of adaptation to all parts of maxilla and mandible essential; impressions require even more exacting technic than for edentulous mouths. Will show a simple, efficient, inexpensive guide for the amount of tissue to be removed. Most of the surgery is accomplished before the teeth are removed. Will show an accurate method of reproducing the thickness of the lost tissue on the labial of the denture so that the patient shows no fullness of the lips. Postoperative treatment will be explained.

#### 36. Functional Occlusal Balance in the Construction of Artificial Dentures

Presented on Monday, Tuesday and Wednesday 3:45 p.m.

Are you having denture trouble? Are you missing the bite? Are your molars occluding first? Are your dentures causing undue pressure and soreness on the lingual? The clinician will endeavor to streamline your present denture service into a simple accurate procedure, substituting a definite factor for functional centric, the patient completing the final balancing. The technic does not involve the purchase of new equipment. Illustrated by colored film and kodaslides.

#### 37. All Plastic Denture Service

Presented on Monday and Tuesday p.m.

The modification of technic to suite the demands of the case in hand, "An Individualized Denture Service"; in this particular instance a complete plastic construction.

#### 38. Basic Principles of Denture Construction (McGrane)

Presented on Monday and Tuesday p.m.

The presentation will consist of (1) No-pressure impressions, (2) Obtaining correct vertical dimension, (3) Positive method of obtaining correct centric relations, (4) The principle and advantages of setting posterior teeth to a flat-plane of occlusion. The procedure is simple but most accurate. Chair time is conserved throughout, and return visits per patient for adjustments are reduced to an absolute minimum.

#### Complete Denture Service with Balanced Functional Occlusion Central Nebraska Study Club

Presented on Monday and Tuesday p.m.

A symposium prepared and presented by the members of the Central Nebraska Study Club following their interpretation of the writings of Dr. Fred Meyer of Minneapolis. This is a precision technic which, when used in its entirety, will enable the dentist to deliver a denture service far beyond his fondest hopes. It

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is thereby possible for him to approach the patient with confidence, enthusiasm and positive assurance of his ability. Technicolor film will be shown of the entire technic.

#### 40. Full Upper and Lower Impressions

RALPH L. CHRISTY......DENVER, COLORADO

#### Presented on Tuesday and Wednesday p.m.

Full upper impression, lantern slides and models will be shown, giving all the steps of full upper impressions of the normal condition, and also those with loose flabby tissue on the maxilla. Full lower impressions showing lantern slides and models will be shown of normal mouth and also those with soft flabby and cord like tissues on the mandible. Will also show in both the upper and lower impressions of placing an automatic relief and forming the peripheral border of the impression with a wide open mouth.

#### 41. Esthetics in Full Dentures for the General Practice

ALBERT H. DREDGE......DETROIT, MICHIGAN

#### Presented on Tuesday and Wednesday p.m.

Will present a simplified technic for the general practitioner to produce better appearing dentures, even if he is not artistically inclined. (1) Pre-extraction records and patient contact, (3) Impression's part in esthetics of case, (3) Vertical dimensions, (4) Selection of teeth as to size, form and hue, (5) Irregularities of anteriors, both upper and lower, (6) Staining, incisal and cervical grinding, etc.

#### 42. Mucostatics in Lower Impressions

W. R. DYKINS......GLEN LYON, PENNSYLVANIA

#### Presented on Monday and Wednesday p.m.

This presentation will pertain only to the lower base. It will encompass mouth diagnosis relative to tray selection, preparation of the impression material and a discussion of those factors which impede successful impression taking. In addition, questions concerning the mucostatic principles will be discussed.

#### 43. A Simplified and Standardized Full Denture Technic

#### Presented on Monday and Wednesday p.m.

Due to the yielding tissue we have to deal with and the many corrections necessary after dentures are completed the clinician believes that rebasing along scientific lines should be practiced, and when properly done the clinical picture is satisfactory. Correct occlusion is recognized and pressure equalized on the underlying tissue physiologically.

#### 44. Successful Lower Dentures

ELBERT B. OWEN......ST. LOUIS, MISSOURI

#### Presented on Monday and Tuesday p.m.

Clinic will demonstrate a lower impression technic, either easy fitting or semicompressing, that will assure adequate retention and automatically establish outline, adaption and border seal. Types of cases will be presented—the easy and difficult. A short discussion of the value of correct facial dimension will be given.

#### 45. Basic Principles of Tooth Arrangement in Complete Denture Prosthesis

RUDOLPH O. SCHLOSSER......CHICAGO

#### Presented on Monday and Wednesday p.m.

This clinic will consist of a practical demonstration of tooth selection and setting, portraying a much simplified method for complying with the esthetic and physiological needs of the edentulous patient. It should prove to be particularly interesting and valuable to those men desiring to create restorations of form and function measuring up to the highest professional standards.

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## ESSAY PROGRAM

Arthur W. Blim, Chairman Allan G. Brodie, Vice-Chairman

Monday Morning

Worlday Worting
Partial Dentures - Crown and Bridge
Technic for Using Acrylic for Inlays, Jackets and Bridgework
CHARLES S. CUDENPITTSBURGH, PENNSYLVANIA
Periodontia
Periodontia for the General Practitioner
ELBERT J. WEAVER
MAYNARD K. HINECHICAGO
The Influence of Metabolic and Endocrine Disturbances on the Alveolar Bone JOSEPH E. WEINMANN
JOSEPH E. WEINMANNCHICAGO
Practice Management
Industrial Dental Health—the Needs and Their Approach
ERNEST GOLDHORN
Children's Dentistry
A Simplified Photographic Technic for Children
GEORGE R. MORGAN
Orthodontia
Cephalometric Diagnosis—Its Implication in Treatment
L. B. HIGLEYIOWA CITY, IOWA
Post War Problems in Orthodontics FREDERICK B. NOYES
FREDERICK B. NOYESCHICAGO
Oral Surgery
Blood Dyscrasias and Their Relationship to the Dentist
GEORGE J. ANDAY, M.DCHICAGO
Intravenous Anesthesia—Indication and Contra-indication
BERTO A. OLSONLOS ANGELES, CALIFORNIA
The Dentist's Responsibility in Cancer of the Mouth and Jaws FREDERICK W. MERRIFIELD
FREDERICK W. MERRIFIELDCHICAGO
Research
Influence of Diet on the Teeth and Investing Tissues
ISAAC SCHOUR
Influence of Endocrines on the Teeth and Investing Tissues
H. R. RONY, M.D
Jull Dentures
Balanced Occlusion Pertaining to Vertical, Centric and Functional Relationships
E. G. LANGNEW ULM, MINNESOTA
0 . 9
Operative Dentistry
The Arrest and Prevention of Dental Caries by the Administration of Assimilable Bone Powde and Use of Vitamins D and C
JOSEPH EISENSTAEDT
The Evaluation of Gold Foil as a Restoration—Has it Lost Its Anneal?

#### Tuesday Morning

Partial Dentures - Crown and Bridge
Manipulation and Uses of Alginate Materials in Dentistry  THEODORE MESSERMAN
A New Type of Porcelain Bridge and the Technic for its Construction ARTHUR F. SCHOPPER
Periodontia
Mucous Membrane Changes as Seen in Army Camps  JOSEPH L. BERNIERCAMP POLK, LOUISIANA
Pathologic Occlusion: A Major Clinical Problem of Periodontics and Prosthetics DAVID W. MC LEAN
Practice Management
Social Trends and Implications for Future Practice of Dentistry HAROLD HILLENBRAND
Children's Dentistry
The Management of Fractured Teeth in Children GEORGE W. TEUSCHER
Orthodontia
The Development of Occlusion of the Teeth CHARLES R. BAKER
What Types of Malocclusions are Preventable?  R. C. WILLETTPEORIA, ILLINOIS
Oral Surgery
Anatomy of Head and Neck in Relation to Operative Oral Surgery HARRY SICHER, M.D
Jaw Fractures and Methods of Treatment DOUGLAS PARKER
Administration of Penicillin in Maxillofacial Injuries  GEORGE EDWARD MEYER
Research
Infection and Sterilization of Dentin ROBERT M. STEPHAN and JOHN A. MUNTZ
The Positional Relationships of Deciduous and Permanent Anterior Teeth to Their Respective Jaw Bones During Growth
M. DIAMOND
Jull Dentures Basic Principles of Full Denture Construction
WALTER E. MOYERDENVER, COLORADO
J. R. CARLTON
Operative Dentistry
Control of Pain in Operative Dentistry
LEROY R. HARTMAN
WALDEMAR A. LINK

### Wednesday Morning

Partial Dentures - Crown and Bridge
Diagnosis for Mouth Reconstruction ERNEST GRANGER
Periodontia
Gingivitis and Its Management  EDWARD L. BALL
Rationalization of the Periodontal Pocket Therapy CHARLES H. M. WILLIAMS
Practice Management
Practice Management LLOYD H. DODD
Children's Dentistry
Problems in Children's Dentistry  WALTER T. MC FALL
Orthodontia
An Analysis of the Various Philosophies and Appliances Employed in Orthodontic Treatment ARTHUR C. ROHDE
Orthodontic Treatment of Cases Complicated by Absence of Permanent Teeth HOWARD J. BUCHNEROAK PARK, ILLINOIS
Oral Surgery
Conditions Associated with Removal of Impacted Teeth HENRY NEWMAN BROWNSON
Pain and its Significance in Oral Surgery KENNETH W. PENHALE
Research
Stockard's Dog-Breeding Experiments with Special Reference to Heredity in Head, Face and Teeth  W. M. KROGMAN, Ph.D
Environmental and Functional Influence Upon the Morphology of the Jaws
CARL BREITNER, M.DNEW YORK
Jull Dentures
The Immediate Denture is Accepted  JAMES H. PEARCECHICAGO
Mucostatics WILLIAM R. DYKINSGLEN LYON, PENNSYLVANIA
Operative Dentistry
The Cast Gold Inlay G. A. STRATTONOSHKOSH, WISCONSIN
Evaluation of Acrylics in Operative Dentistry  KENNETH C. WASHBURN

## TABLE CLINIC PROGRAM

REUBEN A. ANDERSON, Chairman

HARRY W. CHRONQUIST, Vice-Chairman

### EXHIBITOR'S TABLE DEMONSTRATIONS

Monday 2 to 5 p.m.

Use and Manipulation of Dental Plastics ARTHUR GORDONACRALITE CO., INC.
Lubricant for Wax; Demonstrating the Use of Separite for Wax Patterns  JOSEPH J. ADAMSONJULIUS ADERER, INC.
Porcelain vs. Resin Teeth C. C. RICE
External Pin Fixation for Fractured Jaws G. A. GRAHAM, D.D.S
Acrylics in Prosthetic Restorations GEORGE W. BOOS, P.D.S
Lucitone and Hue-lon  J. C. BUTLER
Obtaining Accurate One-Piece Impressions with Zelex—the New Impression Material LYNN PRATT
Accurate Impressions with Coeloid Powder  EARL J. KING, D.M.D
Advantages and Disadvantages of Precision Attachments  GEORGE B. MORRIS, D.D.S
Recommended Technic Using Steele's New Hue Facings  E. X. CROWLEY, D.D.S
Local Anesthesia  EUGENE SCHMITT, D.D.S
Processing Acrylic Restorations C. G. DUNKLEY AND JOSEPH J. ADAMSONCOSMOS DENTAL PRODUCTS, INC.
Dental Alloys and Mechanical Amalgamation GEORGE A. CHOTT
Demonstration of Physical Properties of D-P Impression Cream GENE FAULKDENTAL PERFECTION CO.
Care of Dental Handpieces w. o. mussey, jrthe dental specialty manufacturing co.
Getz "400" Permanent Liner A. W. HELBING, D.D.S
Adaptol Impressions NATHAN KAYE
Dental Acrylics FRED A. SLACK, D.D.S
Impression Materials LLOYD V. BAKER
Full Mouth Impression Technic  G. P. KENSLEY, D.D.S
Mechanics of Rebreathing in General Anesthesia

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RALPH W. CLARKMERCK & CO., INC.
Dental Amalgam Alloy—Minor Points of Major Importance  JOHN E. WERTHEIMERTHE MINIMAX CO.
Acryfoil, Tin Foil Substitute Palatex, an Acrylic Denture Material, Methyl-Methacrylate Resin WILLIAM HARRISON BIXLER, D.D.S
Difficult Partial Denture Restorations  JOHN MC KAY, THE J. M. NEY CO.
The Importance of Physical Properties in Dental Golds D. G. WHITEPRECIOUS METALS RESEARCH WORKS, INC.
Practice Management MRS. H. W. THOMPSON
Partial Denture Casting FLOYD SUTTEN
Suggestions for Better Radiographs CHARLES A. LOWE
Glucaine—The Modern Anesthetic E. D. HOFFMANLEE S. SMITH & SON MANUFACTURING CO.
Precision Attachments and Stress Breakers—Stern's Elastic Impression Material THOMAS NICOLL
New Methods for Acrylic Restorations FREDRIC TRYFUS, D.M.D
Properties of Acrylic Resin Polymers H. M. VERNON AND W. T. SWEENEY
Partial Denture Designs C. J. RINGLEWILLIAMS GOLD REFINING CO., INC.
Technic in Electric Soldering  ARTHUR FELDMAN

## "ARMY-NAVY DAY"

Tuesday, 2:00 to 5:00 p.m.

The dental officers of Great Lakes Naval Training Station, the Sixth Service Command and students from the three Chicago Dental Colleges will present the table clinic program on this afternoon.

Through the cooperation of Capt. J. A. Tartre, Chief Dental Officer, the following clinics will be given by the Great Lakes Naval Training Station:

An Easy Method to Make a Matrix Band; Condensing of Amalgam NORMAN C. CARLSON MERRITT C. PEDERSEN

Partial Denture Design H. A. COLLETT

Medical Radiography with the Dental Machine NEWELL O. FEELEY

Dental Medicine and Preparations
A. H. GRUNEWALD

Acrylic Resins in Restorative Dentistry
LA MAR W. HARRIS

Plan to Register Early

Prosthetic Technics and Procedures
H. J. HINKAMP

Methods of Correcting Low Frenums and Muscle Attachments
DANIEL A. HOLMES

Exodontia and Mouth Preparation at Great Lakes Naval Training Station
HAROLD D. JONES

Fractures of the Jaws and Their Treatment

The Management of Injured and Apically Involved Anterior Teeth

Distal Spring Type Stress Breaker
I. S. KNECHTLY

Oral Electrosurgery LEVON M. SAGHIRIAN

A Prosthetic Plan for the Construction of 5,000 Dentures Monthly C. A. WEINGART

Simplified Apicoectomy
H. P. WERKMAN

Col. Arnett Matthews, Chief of Dental Service, Sixth Service Command, has arranged to have each of the following camps or hospitals offer a clinic:

Fort Custer Camp Grant Gardiner General Hospital
Camp Ellis Fort Sheridan Percy Jones General Hospital
Camp McCoy Chicago General Dispensary Camp Skokie

Because of the frequent changes of personnel we cannot list the names of the officers who will participate in this program for the Army, nor their subjects. We can say, however, that each installation is preparing a clinic of its own; also that the clinic program will be augmented by a demonstration of a complete dental service for the enlisted men given by the officers and personnel of the General Dispensary.

## Student Clinics

Chicago College of Dental Surgery

Operative Dentistry
Ralph Viglione
Edward J. Shaheen
Stanley R. Tikusis

Denture

Kenneth C. DeLap Edward J. Matousek Roman J. Lipinski William J. Sisson

Crown and Bridge
Elbert W. King
Hugo Paul Chott

Edward B. Graves

Northwestern University Dental School

Crown and Bridge, Partial Dentures
3 Students
Complete Dentures

1 Student

Orthodontia

Frank I. Brzezinski Ben G. Sherrard Warren G. Bierma Howard N. Paule

Dentistry for Children Bennie Binderman

End Result
Irving S. Shawitz
Bernard A. Gresik
James H. Hurning
Albert G. Waldman

Orthodontia 1 Student

Operative Dentistry
2 Students

File Your Application for Limited Attendance Clinics

Pedodontia 1 Student

Oral Pathology

1 Student

Radiology
2 Students

Oral Surgery
2 Students

Names of students to be announced in official program.

University of Illinois College of Dentistry

Operative Dentistry
Claud E. Galloway
Wayne T. Neal
Maurice H. Wall

Full Denture William Starek

Partial Denture Robert Shales

Children's Dentistry
Eugene G. Peterson

Periodontia

Victor Dovitch Milton Jacobson

Root Canal Therapy Harold Luria

Crown and Bridge Richard E. Wesselius Melvin Waldman William J. Melichar

### GENERAL CLINICS

Wednesday 2 to 5 p.m.

# Operative Dentistry

## Jull Dentures

Modified Technic for Obtaining Centric and Protrusive Relation Records for Complete Maxillary and Lingual Bar Mandibular Dentures

R. W. COVALT......CHICAGO

A New Approach to the Problem of Occlusion in Denture Construction

Easy Repair of Vulcanite or Acrylic Dentures
GEORGE L. KENNEDY......VILLA GROVE, ILLINOIS

Immediate Dentures

JOHN H. YATES......CAMBRIDGE, OHIO

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Partial Dentures - Crown and Bridge
Fixed Bridge Abutments TIMOTHY M. BISHOPCHICAGO
A New Method for the Production of Anatomically Correct Wax Patterns for All Types of Acrylic Jackets, Cast Gold Crowns and Pontics, Eliminating All Free Hand Wax Carving SAMUEL A. LEVIN
Cast Base Crown, a Simple and Accurate Technic for Restoring Badly Broken Down Teeth, Applicable to Porcelain or Acrylic Crowns RALPH ROSEN
Crown and Bridge Work in the Correction of Deformities  A. H. TAMARIN
Oral Surgery  Alveolotomy and Preparation of Maxilla for Reception of Immediate Denture  SAMUEL GRANOFMILWAUKEE, WISCONSIN
Removal of Imbedded Impacted Third Molars with Special Emphasis on Preoperative and Postoperative Treatment  B. H. JOHNSON
Types of Incisions Used in Oral Surgery; a Large Traumatic Cyst of the Mandible  JOHN M. MARRE
The Surgical Correction of Mandibular Protrusions  EDWARD REITER
The Flap Operation in Extraction of Teeth RALPH N. SAPPE
Vincent's Angina F. H. WITTENBROOKLIMA, OHIO
Orthodontia Orthodontia H. L. NEW
Children's Dentistry Gold Castings with Relation to Children's Dentistry PAUL H. BROWN
Acrylic Appliances for Children ELSIE GERLACH
Operative Procedures for Children H. M. WILBUR
Periodontia The Grinding of the Teeth and the Mechanical Appliances Used in the Treatment of Periodontia  SAMUEL H. GOODFRIEND
Management of Gingivitis  ROBERT N. TANIS
Practice Management Practice Management Emphasizing Credits and Collections LLOYD H. DODD
Better Fees and How to Get Them RANDALL C. TAVLIN

## QUESTION AND ANSWER PROGRAM

This program, which was an innovation last year, was so popular that it is being repeated. The Question and Answer Program is designed to meet the need for authoritative, concise answers to especially knotty problems of every day practice and will be presented on Monday, Tuesday and Wednesday afternoons from 1:30 to 5:00 o'clock. Each session will cover a recognized field and will be of one and one-half hours' duration. An outstanding authority, designated as the director, will head each session and give brief answers to a previously prepared list of questions. When the director has finished answering all the questions, for which one hour is allotted, the balance of the period will be devoted to answering supplementary questions from the audience.

Space limitations do not permit us to list all of the questions to be answered in the various sessions but their informative and intensely practical nature is exemplified by the following specimen. The lists of questions for all sessions will appear in the official program to be dis-

tributed at the meeting.

#### SPECIMEN SESSION

Presiding Subject Speaker Operative Dentistry John Doe 1. How do you gain the confidence of your patient? What influences your choice of procedure? 3. How do you treat the necks of sensitive 4. In preparing cavities what instruments do you use? 5. How do you prepare gingival third cavities? 6. Do you believe in pulp protection under fillings?

Chairman William Roe

Presiding

#### SCHEDULED SESSIONS

# Operative Dentistry

duce discomfort?

7. When inserting fillings how do you re-

	Speaker	Chairman
Conservation of the Pulp in Operative Pro- cedures	J. R. Blayney	E. B. Kirby
Control of Pain in Operative Procedures	L. R. Hartman	Waldo Urban
Root Canal Therapy	John H. Hospers	C. H. Peterson
Fluorides in the Prevention of Caries	Robert G. Kesel	Guy F. Bayly
Amalgam Restorations	W. A. Link	H. C. Buttery
Dental Silicate Restorations	Leon Saks	R. L. Lasater
Gold Inlays	Leo S. Seidner	W. R. Scanlan

Periodontia -		
Vincent's Infection	J. L. Bernier	C. J. Coffey
Systematized Treatment of Periodontal Dis- ease	E. D. Coolidge	C. Davidson
Etiology of Periodontal Disease	M. K. Hine	R. W. Johnson
Pathologic Occlusion in Periodontics and Prosthetics	D. W. McLean	A. T. Williams
The X-ray as an Aid in Diagnosis of Perio- dontosis and Periodontitis	Clarence O. Simpson	J. T. Gutberlet
Rational Treatment of Periodontal Pockets	C. H. M. Williams	W. G. F. Schmidt

## Plan to Register Early

# Orthodontia and Children's Dentistry

	Speaker	Chairman
What the General Practitioner Should Know About Orthodontia	A. G. Brodie	Donald Kellogg
When Should Orthodontic Treatment Be Started?	L. B. Higley	W. A. Murray
Effects of Early Loss of Teeth—Deciduous and Permanent	S. J. Kloehn	Leland R. Johnson
Management of Child Patients	W. T. McFall	G. H. Williams
Management of Injuries of the Anterior Teeth in Children	F. B. Noyes	J. W. Ford

# Partial Dentures - Crown and Bridge

Acrylics in Partial Dentures and Bridgework	Charles S. Cuden	A. F. Pins
Partial Dentures	W. I. McNeil	W. T. Poyer
Bridge Abutments	Loren D. Sayre	A. F. Gutting

# Oral Surgery

Sulfonamides in Dentistry	Stanley W. Clark	E. W. Baumann
Diagnosis of Common Lesions in the Mouth	Maury Massler	B. D. Friedman
Intravenous Anesthesia	Berto A. Olson	J. H. Keith
Fractures	Douglas B. Parker	Eugene Bodmer E. P. Swatek
Everyday Problems in Oral Surgery and Anatomy	Harry Sicher	H. J. Droba O. B. Kibler
Extraction and Impaction Accidents	Earle H. Thomas	L. W. Hughes

# Jull Dentures

R. R. Gillis	D. L. Beshoar
John B. LaDue	G. E. Simon
E. G. Lang	B. O. Blomgren
J. H. Pearce	J. R. Flanagan
Walter D. Raber	T. R. Wright
John A. Wolfer	E. M. Stearns
	John B. LaDue E. G. Lang J. H. Pearce Walter D. Raber

# Miscellaneous

Routine Life and Duties of an Army Dental George E. Meyer D. B. James Officer

File Your Application for Limited Attendance Clinics

#### ROUND TABLE DISCUSSIONS

One of the innovations of our 1944 Midwinter Meeting which we are confident will be most interesting and instructive will be the presentation of the two Round Table or panel discussions listed below. The speakers in both of these discussions are familiar with all aspects of their subject and are exceptionally well qualified to discuss it and answer all questions pertaining to it.

#### Monday, 2:00 to 5:00 p.m.

#### "THE USE OF ACRYLICS IN OPERATIVE DENTISTRY"

#### Discussors:

LA MAR W.	HARRIS	 	 
A. F. SCHOP	PER	 	 KANSAS CITY, MISSOURI
KENNETH C.	WASHBURN	 	 
oderator:			
EDGAR W. S	WANSON	 	 

#### Wednesday, 2:00 to 5:00 p.m.

#### "THE HEALTH SERVICES AND THE WAGNER BILL (S.B. 1161)"

#### Discussors

iscussora.	
HAROLD HILLENBRAND	
JOSEPH D. LOHMAN	
HAROLD J. NOYES	
FRANK M. WHISTON	CHICAGO
loderator:	

#### SCIENTIFIC, HEALTH AND EDUCATIONAL EXHIBITS

MICHAEL L. LEVIN, Chairman
WALTER A. BIRGERSON, Vice-Chairman

American Dental Association, Bureau of Public Relations
American Dental Association, Council on Dental Therapeutics
American Medical Association, Council on Pharmacy and Chemistry
American Dental Assistants Association
American Red Cross
Army Medical Museum
Chicago Welfare Administration

EDWARD J. RYAN.....

Dental Hygiene Institute of Chicago

Illinois State Department of Public Health, Division of Dental Health Education

Illinois State Oral Hygienists Association

Illinois State Oral Hygienists Association—Junior Hygienists

Washington University, Department of Oral Pathology

Make Your Hotel Reservations Now

#### MOTION PICTURES

HENRY GLUPKER, Chairman B. PLACEK, Vice-Chairman

Monday, February 21 10:00 a.m. to 12:00 m.

Oral Electrosurgery (45 minutes)
LEVON M. SAGHIRIANGREAT LAKES, ILLINOIS
Preparation of Jacket Crowns (15 minutes)
FRANCIS J. CONLEYLOS ANGELES, CALIFORNIA
Eradication of Periodontal Disease (30 minutes)
EDWIN O. CARTERHOLLYWOOD, CALIFORNIA
Surgical Preparation of the Mouth for Dentures (15 minutes)
VARAZTAD H. KAZANJIANBOSTON, MASSACHUSETTS
Tuesday, February 22
10:00 a.m. to 12:00 m.
Jaw Fractures (25 minutes)
Oral Surgery (40 minutes)
This is Guadalcanal (25 minutes)
Navy Men of Medicine (25 minutes)
These films have been made available for showing at this meeting through the courtesy of Capt. J. A. Tartre of Great Lakes Naval Training Station. We are deeply grateful to Capt. Tartre for providing them.
Wednesday, February 23
10:00 a.m. to 12:00 m.
The Mortons Make Some Changes (25 minutes)
DENTAL HYGIENE INSTITUTE
Kazanjian Alveolar Plastic Operations (8 minutes)
VARAZTAD H. KAZANJIANBOSTON, MASSACHUSETTS

An additional group of very fine dental motion pictures will be exhibited on this program Wednesday morning. The titles of these films cannot be released as this issue goes to press because arrangements to secure them have not quite been completed. We are confident, however, that we shall be able to secure them and know that they will be of greatest interest to the members of the profession.

Make Your Round Trip Travel Reservations Now

#### MIDWINTER MEETING

of the

#### CHICAGO DENTAL SOCIETY

February 21-23

#### PALMER HOUSE

Reserve your hotel room NOW! Avoid delays and be certain your hotel accommodations will be ready upon your arrival in Chicago.

Here are a few suggestions:\*

	Minimu	m Rate
		Double With Bath
†Palmer House, 15 E. Monroe St.	.\$3.85	\$5.50
Atlantic, 316 S. Clark St.	. 2.25	3.30
Bismarck, 171 W. Randolph St	. 3.75	5.25
Blackstone, Michigan Ave. at Balbo Ave	4.00	7.00
Brevoort, 120 W. Madison St	2.50	3.50
Chicagoan, 67 W. Madison St	2.75	4.40
Drake, Michigan Ave. and Walton Pl.	4.00	7.00
Edgewater Beach, 5349 Sheridan Rd	4.40	6.60
Harrison, 57 E. Harrison St	2.00	3.00
Knickerbocker, 163 E. Walton Pl.	. 3.50	5.00
La Salle, Madison and La Salle Sts	2.75	4.40
Medinah Club, 505 N. Michigan Ave.	. 3.50	5.00
Morrison, 79 W. Madison St.	. 2.75	4.40
Sherman, 106 W. Randolph St.	. 2.75	4.40
Shoreland, 5454 South Shore Drive	. 5.00	6.00
Stevens, Michigan Ave. and Balbo Drive	3.50	5.00

When writing hotels for reservations be sure to mention that you are going to attend the Midwinter Meeting of the Chicago Dental Society; also state date and time of arrival and departure.

<sup>\*</sup>Chicago Convention Bureau Hotels.
†Palmer House filled: other hotels still accepting reservations.

(Continued from page 8)

lowed to maintain a membership in such a great organization as the Chicago Dental Society. The Chicago boys have been and are rendering a great service through the medium of the Midwinter Meeting.

With every good wish and the Season's

Greetings, I am

Sincerely, Fred A. RICHMOND.

Carmi, Illinois

Dear Doctor Hartley:

I am glad to enclose my check for \$3.00 as dues for Associate Membership

in the Chicago Dental Society.

The privilege I have had of attending the Midwinter Meeting of your Society has meant much to me in the past many years, and I have always wondered why you didn't previously charge a fee for non-member attendance. The effort you put forth for such successful meetings is in itself more than enough to merit our full appreciation.

I also enjoy scanning the pages of The Fortnightly Review, and will attend the

Meeting in February.

Sincerely, MARY B. MEADE.

Atlanta, Georgia

Gentlemen:

I received your notification that my Associate Membership dues in the Chicago Dental Society for 1944 are now due. Enclosed please find my check in the amount of \$3.00 for renewal.

May I say that I deem it a privilege to be able to subscribe as an Associate Member in the Chicago Dental Society as each year I anticipate with pleasure the Midwinter Meetings.

> Sincerely, IRWIN T. HYATT.

## PALMER HOUSE RESERVATIONS FILLED

The Palmer House is accepting no more reservations for the Midwinter Meeting of the Chicago Dental Society, February 21-23. Those who expect to attend the Meeting and have not yet made their reservations are advised to contact other hotels. A list of hotels and their rates is published on page 35 in this Review.

#### MRS. VEECK'S SON WAR CASUALTY

Mrs. Georgia L. Veeck, field representative of the Dental Hygiene Institute, who shows the Institute's educational films before lay organizations, has been notified that her son, William Veeck of the United States Marine Corps, died of wounds in the South Pacific. The sympathy of Chicago dentists, especially those who have appeared with her on Institute programs, goes to Mrs. Veeck.

## BRANCH MEETINGS TO BE HELD IN JANUARY

Two branches will hold monthly meetings before another issue of The Fortnightly Review is published. On January 21 the Northwest branch will hold a meeting at the Logan Square Masonic Temple. The speaker will be Eli Olech who will discuss problems in oral surgery and extraction. His lecture will be illustrated.

The West Suburban branch will hold its regular monthly meeting at the Oak Park Club on January 18. Dinner will be served at 6:30. Dr. Howard Miller will be the speaker. The annual election of officers will be held during the business meeting.

## 1300 ASSOCIATE MEMBERSHIPS FILED

Over 1300 applications for Associate Membership already have been received by the secretary, Dr. Harry Hartley. Associate Membership is, however, no longer compulsory for attendance at the Midwinter Meeting.

#### DIRECTORY OF TECHNICAL EXHIBITORS

Here under one roof is presented the largest and most diversified commercial exhibit in dentistry. Each exhibitor has been carefully selected; his ethical standards and reliability are unquestioned. Each has a product or service of value to dentistry. Members of the profession can well afford to spend a goodly amount of time visiting with the exhibitors, thoughtfully inspecting their products. They will be well repaid for the time spent doing this because they most certainly will see a product or gain some knowledge that will be of great value to them in their every day practice of dentistry.

The commercial exhibits will be located in both the main Exhibit Hall and in the Ballroom. The exhibitors in both rooms are of equal importance and deserve equal attention.

Exhibitor	Booth No.	Exhibitor	Booth No.
Abbott Laboratories	100-110	Durallium Products Corp	
Acralite Co., Inc			33 4
Aderer, Inc., Julius	66-61	Eastman Kodak Co	.,
American Cabinet Co		Ehrhardt & Co	
American Dental Co			00
American Safety Razor Corp.		Fischer & Co., H. G	186
Ames Co., W. V-B		Friedman Specialty Co	
Anzell Specialty Mfg. Co., In		Frink Dental Supply Co	
Archer Dental Mfg. & Supply			
Austenal Laboratories, Inc		General Electric X-Ray Corp.	21-22
		Getz Co., The William	
B. L. Dental Co		Goldsmith Bros. Smelting & R	
Baker & Co., Inc		Gomco Surgical Mfg. Corp., T	
Bell Dental Products Co., Inc			
Bendick Company, The		Hanau Engineering Co., Inc	
Boos Dental Laboratories, He	enry P5-6-7	Hudson Products, Inc	
Bosworth Co., Henry J		Hu-Friedy Mfg. Co	
Brown Dental Mfg. Co	45	Hygienic Dental Rubber Co.,	
Buffalo Dental Mfg. Co	32	Hygienic Handpiece Cover Co	
Burton Manufacturing Co		,,	,
Butler, Co., John O	85	Ideal Tooth, Inc	44
C1 C:	0	Interstate Dental Co., Inc	
Camel Cigarettes		fvory, J. W	
Cameron Surgical Specialty C		7, 6	
Carborundum Co., The		Jelenko & Co., Inc., J. F	
Cassriel Co., Alexander		Johnson & Johnson	121
Caulk Co., The L. D. (Chica		Justi & Son, Inc., H. D	118-119-120
Caulk Co., The L. D. (Milford	α,		
Del.)		Kerr Dental Mfg. Co	
Chicago Dental Mfg. Co		Kimball Dental Mfg. Co., The	e29
Church & Dwight Co., Inc.		Konformax	
Clark-Cleveland, Inc.			
Cleveland Dental Mfg. Co.,		Lactona, Inc	
Coe Laboratories, Inc		Lavoris Co., The	
Columbia Dentoform Corp		Lea & Febiger	
Columbus Dental Mfg. Co		Lippincott Co., J. B	
Cook-Waite Laboratories, Inc		Liquid Carbonic Corp., The.	178
Corega Chemical Co		Luxene, Inc	128-120
Cosmos Dental Products, Inc.			
Craig Dental Products, Inc.		Manhattan Mfg. Co	160
Crescent Dental Mfg. Co	88	Martin Rubber Co., Inc	188
Dee & Co., Thomas J	1-9-9-4	McKesson Appl. Co	104
Dental Perfection Co		Medical Protective Co., The.	04
Dental Products Co	47	Meisinger Sales Co	
Dental Specialty Mfg. Co., Ti	he	Merck & Co., Inc	
Dentists' Supply Co. of N. Y.		Meyer Co., The Wm	
The		Midwest Dental Mfg. Co	
Dento-Pharma Mfg. Co., Th	ne	Minimax Co., The	
"Dra-Tamp", The	180	Mizzy, Inc.	66-67-68
Dudley Research Corp	oR	Mosby Co., The C. V	
, received Corp			

## DIRECTORY CHICAGO DENTAL SOCIETY

(W. Sub. 1946)

Central Offices: 30 N. Michigan Ave., Chicago 2, Ill., Telephone State 7925

Kindly address all communications concerning business of the Society to the Central Offices.

annual municipa in			
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Harry A. Hartley J. B. Zielinski	Secretary Treasurer	Edward J. Krejci	Advertising Censor
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L. C. Holt	(S. Sub. 1945)
S. M. Rakow	(W. Side 1945)
Lester E. Kalk	(Eng. 1944)
R. B. Mundell	(N. Sub. 1944)
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James H. Keith	Society Meetings

James D. Mershimer Committee Meetings Harold W. Oppice Dental Legislation Leo W. Kremer Military Affairs Maynard K. Hine Benjamin P. Davidson Abstracts Special Features William P. Schoen, Jr. C.C.D.S. John M. Spence U. of Ill. James R. Schumaker N.U.D.S. Sigmund F. Bradel Zoller Clinic

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Contributors

Howard E. Strange

Manuscripts should be typewritten, double spaced, and the original copy should be submitted. Every effort will be made to return unused manuscripts, if request is made, but no responsibility can be accepted for failure to do so. Anonymous communications will receive no consideration whatever.

2376 E. 71st St., Fairfax 4727

Kenwood-Hyde Park

Manuscripts and news items of interest to the mem-

bership of the Society are solicited.

Forms close on the fifth and twentieth of each month. The early submission of material will insure more consideration for publication.

Josephi	ine B	ess	ems	3		Di	irector	
Room	1490,	30	N.	Michigan	Ave.,	Dearborn	9635	

#### **Ethics Committee**

Chester C. Blakeley, Chairman	1944
James J. Kohout	1945
Folmer Nymark	1946

#### Applications for Membership

The following applications have been received by the Ethics Committee. Any member having information relative to any of the applicants, which would affect their membership, should communicate in writing with Dr. Chester G. Blakeley, 7058 S. Euclid Avenue. Anonymous communications or telephone calls will receive no consideration.

#### **Active Members**

Bahador, Massis A. (U. of Ill. 1938) West Side, 3952 W. Jackson Blvd. Endorsed by James J. Guerrero and Robert G. Kesel.

Lieberman, Benjamin (C.C.D.S. 1921) Englewood, 3149 S. Morgan St. Endorsed by Manuel M. Robin and Emanuel H. Belgard.

Newell, Robert J. (N.U.D.S. 1923) Kenwood-Hyde Park, 133 E. 47th St. Endorsed by Florence M. Mazur and Frank J. Hurlstone.

Vitullo, Frank M. (C.C.D.S. 1924) West Side, 752 W. DeKoven St. Endorsed by D. M. Hodgman and J. W. Ford.

#### Make Your Round Trip Travel Reservations Now

#### DIRECTORY OF TECHNICAL EXHIBITORS

(Continued from page 37)

Exhibitor Booth No. 7	
Moyer Co., Inc., The J. Bird	
National Live Stock and Meat Board8  Ney Co., The J. M	3 Schaefer, Oskar
Nyko, Inc	- Diministra Delitati Dimortatori Correctioni Control
Ohio Chemical & Mfg. Co., The	Stratford Cookson Co
Pelton & Crane Co., The17-18-1	Ticonium 160-164
Petrogalar Laboratories, Inc	Universal Dental Co23-24-25
Philip Morris & Co. Ltd., Inc	
Premier Dental Products Co         14           Proco Sol Chemical Co., Inc.         63-64-6           Professional Budget Plan         14           Pycopé, Inc.         8	8 Weber Dental Mfg. Co165-166-167-168 5 Wernet Dental Mfg. Co
Ransom and Randolph Co., The	Wisconsin Alumni Personsh Foundation
Ritter Co., Inc8-9-10-1 Rocky Mountain Metal Products Co16	1 Yates Dental Mfg. Co., J54-55

#### **Classified Advertising**

Rates: \$2.50 for 30 words with additional words at 3 cents each. Minimum charge is \$2.50. Charge for use on key numbers is 25 cents additional. Forms close on the 5th and 30th of each month. Place ad by mail or telephone to

CHICAGO DENTAL SOCIETY 30 North Michigan Avenue STAte 7925

Advertisements must be paid for in advance.

#### FOR SALE

For Sale: Old established office, thriving town of 6,500 within shopping distance of Chicago. Finest of equipment, x-ray, etc. All practically new. Owner has been in same location for almost thirty years and wishes to retire from dentistry. Has other business interests which take up so much time that he cannot do justice to both. Purchaser will be limited only by his own personality and ambition as there is plenty of work to do. Priced at about the value of contents, \$3,000—nothing for good will. Address A-2, The Fortnightly Review of the Chicago Dental Society.

For Sale: Fischer x-ray converter and tank, Heidbrink analgesia machine. Must sell. Make offer. Also a Perfection centrifugal casting machine. Call Randolph 7432.

For Sale: C D X x-ray, Ritter chair and trident unit. Call Euclid 2750.

For Sale: Established practice on West Side. Modern reception room, beautiful office, air-conditioned. Best location. Excellent opportunity for young man. Induction imminent. Phone Van Buren 2131.

For Sale: C D X General Electric x-ray. Address A-7, The Fortnightly Review of the Chicago Dental Society.

#### FOR RENT

For Rent: Fully equipped operating room, north light, with modern reception room and service. Available Monday, Tuesday, Thursday and Saturday. Call Dearborn 0179.

For Rent or Sale: Fully and modernly equipped dental office, laboratory and reception room. Will rent part time or will sell, account of illness. Price reasonable to the right man. Call Central 6691, or University 1995.

#### WANTED

Wanted: Tri-dent or Senior Ritter unit, ivory preferred. Address L-4, The Fortnightly Review of the Chicago Dental Society.

Wanted to Buy: Recent model x-ray, also Castle or Pelton Crane spotlight. Call Euclid 952 or write A-5, The Fortnightly Review of the Chicago Dental Society.

Position Wanted: Ethical dentist, draft exempt, in practice over ten years, desires position or association with practicing dentist. (Illinois license.) Address A-6, The Fortnightly Review of the Chicago Dental Society.

Plan to Register Early

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To meet the demands for your services brought about by the shortage of dentists and prosperity

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You can meet this demand with less physical effort or serve more patients with no more time devoted to your practice than at present with a plan available to you through the

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INCORPORATED



extends to its many friends in the Dental Profession sincere good wishes for prosperity in the coming year... and a cordial invitation to pause for a personal renewal of friendship during the Chicago Dental Meeting... at

#### BOOTH 79

NYKO INC.

415 W. CHICAGO AVE.

CHICAGO

Manufacturers of Nyko Brushes, Cleansers, and Accessories for the better care of all artificial dentures.

### **BOOTH NO. 85**

To all members of the Profession planning to attend the Midwinter Meeting; Consider this an invitation to pay us a visit and register for a Dr. Butler Tooth Brush.



## John O. Butler Company

Distributor of the Dr. Butler Tooth Brush
7600 Cottage Grove Avenue
Chicago, Illinois

## THANKS TO YOU...

### This is our 25 year Anniversary.

We are proud of our record and happy to have such a host of friends in the profession.

To the many dentists who have patronized our laboratory over a term of years—to you who are just getting acquainted with Schroeder Service, we pledge continued service by use of modern facilities and tested products.

ARTHUR J. SCHROEDER Dental Laboratories

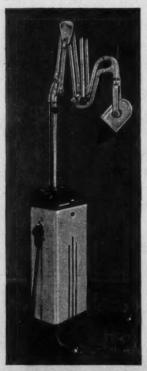
2320 LAWRENCE AVE. . . . CHICAGO, ILL.

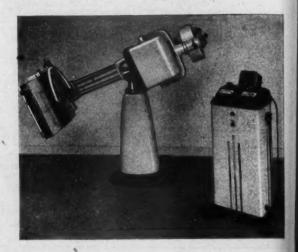
# See these ---- AT BOOTH 176 MIDWINTER MEETING, Chicago Dental Society

## MEYER

#### HEAD and SPECIALTY X-RAY UNIT

Ideal for precision Radiography in Orthodontia. Shockproof. . . self-contained. Easy to maintain standardized technique—convenient for the patient. Be sure to see this marvelous unit at the Midwinter Meeting.





## MEYER MODEL "CA" DENTAL

Popular mobile model with rigid vertical supporting column with 10-inch adjustment to accommodate various office situations. Particularly suitable for Roentgen studies of sinus as well as for better dental radiography.

A heavy duty mobile provided with variable milliamperage and kilo-voltage makes this unit especially suited for Roentgen studies of sinus, etc., as well as for better dental radiography.



Included in the popular Meyer line are many models to choose from, making it easy for the dentist, head specialist or orthodontist to select just the right unit to meet his particular needs. We cordially invite you to visit Booth 176, Midwinter Meeting.

Che Wm. Meyer Co.

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# \*VISIT Duralliam

BOOTH Nos. 39 and 40

in the PALMER HOUSE at the Meeting of the CHICAGO DENTAL SOCIETY

FEBRUARY 21, 22, 23 1944

## DURALLIUM

for Cast Restorations

- · LIGHTER
- STRONGER
- CASTS TO PRECISION
- WILL NOT TARNISH
- PROOF

- RESILIENT
- ADDITIONS MAY BE
- WILL NOT DISCOLOR
- DUCTILE
- TOLERATED BY



YOUR LABORATORY CAN SERVE YOU

### Where Better Practice Indicates

## PRECISION ATTACHMENTS

Precision attachments are indicated in this case because they eliminate need of a cumbersome continuous clasp across anteriors from cuspid to 1st bicuspid, which would be required in a clasp case in addition to clasps on the cuspid, 1st bicuspid and 2nd molar.

Therefore, attachments are more comfortable to the patient and more esthetic, avoiding the display of gold inevitable in clasps on cuspid and 1st bicuspid.

When Attachments Are Indicated, Specify

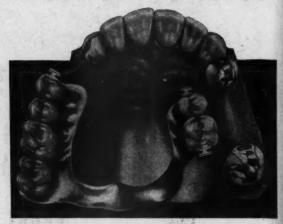
## PROWN PROXIMAL CONTACT ATTACHMENTS



Stronger—Made in 1-Piece. No seams or solder.
Easier to adjust. Use any sharp instrument.
Built-In Proximal Contact.
Closed bottom in male section. Easy insertion and removal.
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ONE axiom has come out of the debate over the relative merits of clasp and attachment restorations—that neither type is a universal "best."

The important advantages of attachments are:

1—Life of the abutment tooth is greatly prolonged because, since the attachment is within the contour of the tooth, the stress applied is in line with its long axis; and also because possible erosion under a clasp is eliminated.

2—Esthetics is enhanced by eliminating a show of clasps, particularly on anterior teeth.

3—Attachments assure much more comfort to patient because of greater stability in a precision attachment and because all material on surfaces of teeth is eliminated.

The case illustrated is one in which "doctors agree" better practice indicates attachments for the reasons given.

Generally speaking attachments should be used:

 when the number and location of clasps required will form a too cumbersome or unesthetic appliance;

 when an abutment tooth lacks normal stability; a precision attachment will by itself immobilize the tooth without addition of the indirect retainers necessary in clasp work;

when abutment teeth already accommodate the required inlays or crowns.

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